

INTERNATIONAL PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

United States Patent and Trademark
Office
(Box PCT)
Crystal Plaza 2
Washington, DC 20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 29 October 1997 (29.10.97)	
International application No. PCT/GB97/00708	Applicant's or agent's file reference MTW 50231/WO
International filing date (day/month/year) 14 March 1997 (14.03.97)	Priority date (day/month/year) 10 April 1996 (10.04.96)
Applicant BRENNAN, William, James et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

17 October 1997 (17.10.97)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

F. Gateau

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference MTW 50231/WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 97/ 00708	International filing date(<i>day/month/year</i>) 14/03/1997	(Earliest) Priority Date (<i>day/month/year</i>) 10/04/1996
Applicant IMPERIAL CHEM. INDUSTRIES et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure-No. ☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

A multilayer card has (i) an opaque polyester film substrate (1) containing 0.2 to 30 % by weight, relative to the total weight of the substrate, of at least one copolyesterether, (ii) an ink-receptive layer (2) on at least one surface of the substrate, and (iii) a cover layer (4) on the surface of the ink-receptive layer and/or surface of the substrate. The presence of the copolyesterether in the substrate reduces the tendency of the card to delaminate in use. Suitable for use, inter alia, in identification, magnetic, credit, pre-paid and smart cards.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 97/00708

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 B32B27/36 B42D15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 B32B B42D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 497 483 A (ICI AMERICA INC) 5 August 1992 cited in the application see column 1, line 19 - column 2, line 1; claims	1-10
A	--- WO 95 10563 A (ICI PLC ;MILLS PAUL DAVID ALAN (GB); OLEK ANTON RICHARD (GB); RAKO) 20 April 1995 see page 1, line 1 - line 12; claims; figures	1-10
A	--- US 5 407 893 A (KOSHIZUKA KUNIHIRO ET AL) 18 April 1995 cited in the application see claims --- -/-	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 July 1997

Date of mailing of the international search report

05. 08. 97

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+ 31-70) 340-3016

Authorized officer

De Jonge, S

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 97/00708

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 437 942 A (ICI PLC) 24 July 1991 cited in the application see claims -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 97/00708

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0497483 A	05-08-92	US 5171625 A	15-12-92
		AT 136255 T	15-04-96
		CA 2059982 A	01-08-92
		DE 69209544 D	09-05-96
		DE 69209544 T	12-09-96
		ES 2084928 T	16-05-96
		JP 4308749 A	30-10-92

WO 9510563 A	20-04-95	AU 7788994 A	04-05-95
		CA 2173614 A	20-04-95
		CN 1136322 A	20-11-96
		EP 0723565 A	31-07-96

US 5407893 A	18-04-95	NONE	

EP 0437942 A	24-07-91	AT 114326 T	15-12-94
		AU 629078 B	24-09-92
		AU 6812690 A	25-07-91
		CA 2032767 A	20-07-91
		CN 1054081 A	28-08-91
		DE 69014290 D	05-01-95
		DE 69014290 T	27-04-95
		JP 4211432 A	03-08-92

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REC'D	18 NOV 1997
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference MTW 50231/WO	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/GB 97/ 00708	International filing date (day/month/year) 14/03/1997	Priority date (day/month/year) 10/04/1996
International Patent Classification (IPC) or national classification and IPC B32B27/36		
Applicant IMPERIAL CHEMICAL INDUSTRIES PLC et al		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.


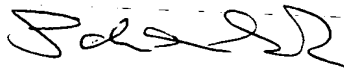
2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consists of a total of _____ sheets.

3. This report contains indications and corresponding pages relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 17/10/1997	Date of completion of this report 14. 11. 97
Name and mailing address of the IPEA/  European Patent Office D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523656 epmu d Fax: (+49-89) 2399-4465	Authorized officer  W. Schambeck Telephone No. 2435

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern. application No.
PCT/GB97/00708

I. Basis of the report

1. This report has been drawn up on the basis of (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.): -

☒ the international application as originally filed.

☐ the description, pages _____, as originally filed,
pages _____, filed with the demand,
pages _____, filed with the letter of _____,
pages _____, filed with the letter of _____.

☐ the claims, Nos. _____, as originally filed,
Nos. _____, as amended under Article 19,
Nos. _____, filed with the demand,
Nos. _____, filed with the letter of _____,
Nos. _____, filed with the letter of _____.

☐ the drawings, sheets/fig _____, as originally filed,
sheets/fig _____, filed with the demand,
sheets/fig _____, filed with the letter of _____,
sheets/fig _____, filed with the letter of _____.

2. The amendments have resulted in the cancellation of:

☐ the description, pages _____.

☐ the claims, Nos. _____.

☐ the drawings, sheets/fig _____.

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern. application No.

PCT/GB97/00708

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

1. STATEMENT

Novelty (N)	Claims 1 to 10_____	YES
	Claims _____	NO
Inventive Step (IS)	Claims 1 to 10_____	YES
	Claims _____	NO
Industrial Applicability (IA)	Claims 1 to 10_____	YES
	Claims _____	NO

2. CITATIONS AND EXPLANATIONS

The documents cited in the search report do not contain any suggestion that the delamination resistance of a multilayer card including an opaque polyester film substrate should be improved by incorporating a copolyesterether into the substrate.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

HUMPHRIES, Martyn
ICI Group Intellectual Property
PO Box 90,
Wilton, Middlesbrough
Cleveland, TS90 8JE
GRANDE BRETAGNE

01 Rec'd PCT/PTO - 06 OCT 1998

09/ 155842

NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing
(day/month/year)

14. 11. 97

Applicant's or agent's file reference

MTW 50231/WO

IMPORTANT NOTIFICATION

International application No.

PCT/GB 97/ 00708

International filing date (day/month/year)

14/03/1997

Priority date (day/month/year)

10/04/1996

Applicant

IMPERIAL CHEMICAL INDUSTRIES PLC et al

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/



European Patent Office
D-80298 Munich
Tel. (+ 49-89) 2399-0, Tx: 523656 epmu d
Fax: (+ 49-89) 2399-4465

Authorized officer

R. Kammerer
R nat3 Kammerer

Telephone No. **8034**

PATENT COOPERATION TREATY

PCT


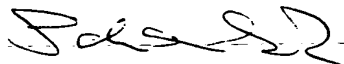
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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Date of submission of the demand 17/10/1997	Date of completion of this report 14. 11. 97
Name and mailing address of the IPEA/  European Patent Office D-80298 Munich Tel. (+ 49-89) 2399-0, Tx: 523656 epmu d Fax: (+ 49-89) 2399-4465	Authorized officer  W. Schambeck Telephone No. <u>135</u>

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern. application No.

PCT/GB97/00708

I. Basis of the report

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pages _____, filed with the demand,
pages _____, filed with the letter of _____,
pages _____, filed with the letter of _____,

☐ the claims, Nos. _____, as originally filed,
Nos. _____, as amended under Article 19,
Nos. _____, filed with the demand,
Nos. _____, filed with the letter of _____,
Nos. _____, filed with the letter of _____,

☐ the drawings, sheets/fig _____, as originally filed,
sheets/fig _____, filed with the demand,
sheets/fig _____, filed with the letter of _____,
sheets/fig _____, filed with the letter of _____.

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☐ the drawings, sheets/fig _____.

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern. application No.

PCT/GB97/00708

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1. STATEMENT

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	Claims _____	NO
Inventive Step (IS)	Claims 1 to 10_____	YES
	Claims _____	NO
Industrial Applicability (IA)	Claims 1 to 10_____	YES
	Claims _____	NO

2. CITATIONS AND EXPLANATIONS

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